Amendments To The Claims:

1. (**Currently Amended**) Wind power installation for generating electrical energy with at least two components, ~~(12, 14, 16, 18, 20, 22, 24, 28, 30)~~ each of the at least two components respectively have sensors and/or actuators and comprise a control unit, each of the control units being connected to a data network ~~(30)~~ and the data network being used for interconnecting the at least two control units and for exchanging ~~with the control units of the other components,~~ signals for the operating conditions of the components, detected sensor values and/or control signals for the other components, with the control units of the other components.

2. (**Original**) Wind power installation according to claim 1, characterised in that each control unit of a component exclusively controls said component.

3. (**Original**) Wind power installation according to claim 2, characterised in that a drive train unit (12, 16, 18) and an electrical unit (20, 22, 24) are provided as components.

4. (**Original**) Wind power installation according to claim 3, characterised in that the drive train unit comprises one or more of the following units as independent units, braking unit (18), shaft unit (14), generator unit (20).

5. (**Original**) Wind power installation according to claim 4, characterised in that the drive train additionally comprises a gear box (16).

6. (**Original**) Wind power installation according to claim 3, characterised in that the electrical unit comprises one or more of the following units as independent units: grid connection unit (24), converter unit (22), transformer unit.

7. (**Previously Presented**) Wind power installation according to claim 1, characterised in that a tower unit is provided as an additional component.

8. **(Original)** Wind power installation according to claim 7, characterised in that the tower unit has one or more of the following units as components as heating device, lifting device and access control device.

9. **(Previously Presented)** Wind power installation according to claim 1, characterised in that an ether network (30) is provided as a data network.

10. **(Previously Presented)** Wind power installation according to claim 1, characterised in that a fieldbus network is provided as a data network.

11. **(Previously Presented)** Wind power installation for generating electrical energy with at least two control units, each of the at least two control units comprising a component and controlling at least one device, the at least one device selected from at least one member of the group consisting of sensors, actuators and any combination thereof, each of the at least two control units being connected to a data network, each of the at least two control units using the data network to exchange data with one another.

12. **(Previously Presented)** The wind power installation of claim 11, the data being at least one of detected sensor values, control signals for the other control units, signals for the operating conditions of the control units and any combination thereof.

13. **(Previously Presented)** The wind power installation of claim 11, the component is selected from the group consisting of pitch control, rotor shaft, gear box, generator, cooling system, azimuthal drive, drive train unit, an electrical unit, a braking unit, a shaft unit, a generator unit, a grid connection unit, a converter unit, a transformer unit, a tower unit, a heating unit, a lifting unit, and an access control unit.

14. **(New)** Wind power installation for generating electrical energy with at least two components each of the at least two components respectively have sensors and/or

actuators and comprise a control unit, each control unit of a component exclusively controlling the component, each of the control units being connected to a data network and the data network being used for interconnecting the at least two control units and for exchanging signals for the operating conditions of the components, detected sensor values and/or control signals for the other components, with the control units of the other components.